Minjae Jung

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Professional Experience:

Hotswaps.io -Brooklyn, New York   March 2021 - Present

Frontend Engineer:
° Engineered a versatile image upload component, enhancing the user experience, by seamlessly integrating with the Imgur API.
° Improved developer experience by implementing Next.js and utilizing a more opinionated framework, reducing debugging times and providing out of the box tooling such as Next Router.
° Enhanced Search Engine Optimization by 30% and Performance by 70% with the implementation of Next.js calculated through Chrome Lighthouse Reports.
° Upgraded development environment from Create-React-App to Next.js mono repository configured with Prisma ORM within a 3-month span working with Agile methodology.

Southpole - Fort Lee, New Jersey   October 2022 - March 2023

IT Specialist:
° Managed, maintained, and tracked IT-related servers, ensuring optimal performance and security.
° Oversaw hardware and software deployments, including third-party solutions and databases.
° Installed and configured Oracle instances and databases, contributing to data management and efficiency.
° Reduced monthly costs by 35% through a successful transition from AT&T MPLS to AT&T switched Ethernet Network.
° Performed quarterly maintenance on on-premise servers.

Against All Odds - Fort Lee, New Jersey   December 2021 - October 2022

Software Programmer:
° Developed inventory system using React, Node, SQL RDS, AWS EC2, and Tailwind to provide reliable availability to 36 stores.
° Successfully enrolled and deployed 72 rugged Android devices, optimizing security, hardware efficiency, and operational speed while reducing device weight.
° Implemented stored procedures and sql queries for item search, transfer orders, item ingress/egress, physical inventory, and barcode lookup.
° Managed and maintained repositories & databases using MSSQL Server and Git.

SL Inc - New York, New York   June 2020 - December 2021

Frontend Developer
° Developed and structured the marketplace, landing pages, profile page, and login screen, all aimed at elevating the overall user experience..
° Continuously optimized and refined the user interface for improved user engagement and satisfaction.
° Collaborated with cross-functional teams to ensure seamless integration of frontend components with backend services.

Portfolio: React.js - Tailwind - Three.js - Heroku - AWS

Education:

The College of New Jersey Class of 2020
B.S. in Biomedical Engineering
Awards: Freshman Engineer Competition:
2nd Place Overall

Certifications:
Columbia Fu Foundation of Engineering Fullstack Bootcamp

Additional Work Experience:
Columbia University NY Presbyterian Hospital - New York, NY 2016 - 2018
Research Assistant
° Collaborated with CTS team to research and present hybrid non-invasive surgeries, LVAD procedures, cold ischemic times, and reperfusion injuries.
° Researched, documented, and presented mitral valve and LVAD Surgeries